

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/002389

## A. CLASSIFICATION OF SUBJECT MATTER

### IPC7 B60N 2/44

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC7 A47C 27/00,27/08, B60N 2/00,2/04,2/44

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KR, JP IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Patent Search System in Korean Intellectual Property Office

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 63-159553U(NIKKO SANGYO KK, ACHILLES CORP) 19 October 1988 See claim1, fig1-11	1
A	JP 10-14718A(KOMORI IRYO KK, KUMAMOTO HIKARI) 20 January 1998 See the whole document	1
A	KR 20-337242Y(HYUPSUNG IND. CO., LTD) 31 December 2003 See claim1, fig 1-4	1

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents:  
 "A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier application or patent but published on or after the international filing date  
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)  
 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
 "&" document member of the same patent family

Date of the actual completion of the international search  
05 JANUARY 2005 (05.01.2005)

Date of mailing of the international search report

**06 JANUARY 2005 (06.01.2005)**

Name and mailing address of the ISA/KR  
 Korean Intellectual Property Office  
 920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
 Republic of Korea  
 Facsimile No. 82-42-472-7140

Authorized officer

LEE, Dong Kuk

Telephone No. 82-42-481-5427



# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.  
PCT/KR2004/002389

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 63-159553U	19. 10.1988	None	
JP 10-14718A	20. 01.1998	None	
KR 20-337242	31.12. 2003	None	